

ABSTRACT OF THE DISCLOSURE

[0045] An intravenous system includes an assembly for coupling a solution container to a delivery system drip chamber used for regulating the flow rate of solution in a patient intravenous line. In one embodiment, the solution delivery system includes a drip chamber having an opening formed in a side wall, and a vent plug disposed in the opening for providing a self-priming function to the IV system. A termination end of the patient intravenous line includes an end cap with a vent and a seal for allowing air in the intravenous line to escape through the end cap while preventing leakage of solution from the termination end.